COMPUTATION OF ASTRONOMIC AZIMUTH BY POLARIS TABULAR METHOD (FED MSR)

For use of this form, see FM 6-2; the proponent agency is TRADOC.

COMPUTER:	NOTEBOOK REFERENCE:	DATE:
CHECKER:	AREA:	SHEET OF SHEETS

INSTRUCTIONS

1. Select SURVEY CALC (option B) from the MODE MENU.
2. Select POLARIS TABULAR METHOD (option J) from the SURVEY CALCULATIONS MENU
3. Select the desired record from the POLARIS TABULAR METHOD SUMMARY LIST.
4. Observe the required fields, and enter the desired data.

NOTES

1. Press ENTER to display the window of legal entries
2. Enter field data in blocks marked ▶
3. Remove window of legal entries by pressing ENTER before pressing the C key to calculate.

REQUIRED FIELDS	DATA RECORD		
NAME AZIMUTH MARK: ?	NAME AZ MK:	APPROX AZIMUTH TO AZIMUTH MARK (MILS):	
NAME OBS STATION: ?	NAME OBS STA:		
ENTER LATITUDE: ?	LATITUDE: °	'	" N S
ENTER LONGITUDE: ?	LONGITUDE °	'	" E W
ENTER GRID ZONE: ?	GRID ZONE:		
ENTER TIME ZONE CORRECTION: ?	TIME ZONE CORRECTION: + -		W E
ENTER SIDEREAL TIME: ?(FM 6-300, TABLE 2)	SIDEREAL TIME: HOURS +	MINUTES	SECONDS
ENTER WATCH CORRECTION: ?	WATCH CORRECTIONS: HOURS (SLOW) + (FAST) -	MINUTES	SECONDS
4TH/5TH ORDER ?	ENTER 4 OR 5		

	SET ____	SET ____	SET ____
ENTER MEAN WATCH TIME: ?	HOURS MINUTES SECONDS ▶	HOURS MINUTES SECONDS ▶	HOURS MINUTES SECONDS ▶
ENTER HORZ ANGLE AZMK TO STAR: ?	HORZ ANGLE (MILS): ▶	HORZ ANGLE (MILS): ▶	HORZ ANGLE (MILS): ▶
RECORD LOCAL SIDEREAL TIME: (hrs/min)	HOURS MINUTES	HOURS MINUTES	HOURS MINUTES
ENTER B /B_0 /B_1 :B_2 (FM 6-300, TABLE 12)	B_0 B_1 B_2 ▶	B_0 B_1 B_2 ▶	B_0 B_1 B_2 ▶
RECORD OBS 1 ASTRO AZ TO AZMK: ?	ASTRONOMIC AZ (MILS):	REMARKS:	
RECORD OBS 2 ASTRO AZ TO AZMK: ?	ASTRONOMIC AZ (MILS):		
RECORD OBS 3 ASTRO AZ TO AZMK: ?	ASTRONOMIC AZ (MILS):		
RECORD MEAN ASTRO AZ TO AZMK: ?	MEAN ASTRONOMIC AZ (MILS):		
RECORD GRID AZ TO AZMK: ?	GRID AZIMUTH (MILS):		